

Electronic Acknowledgement Receipt

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|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| EFS ID: | 8578481 |
| Application Number: | 10802023 |
| International Application Number: | |
| Confirmation Number: | 2630 |
| Title of Invention: | LDPC (LOW DENSITY PARITY CHECK) CODED MODULATION SYMBOL DECODING USING NON-GRAY CODE MAPS FOR IMPROVED PERFORMANCE |
| First Named Inventor/Applicant Name: | Ba-Zhong Shen |
| Customer Number: | 51472 |
| Filer: | Shayne X. Short/Kathryn McCrossen |
| Filer Authorized By: | Shayne X. Short |
| Attorney Docket Number: | BP308911 |
| Receipt Date: | 07-OCT-2010 |
| Filing Date: | 16-MAR-2004 |
| Time Stamp: | 12:38:13 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$380 |
| RAM confirmation Number | 10581 |
| Deposit Account | 502126 |
| Authorized User | MCCROSSEN,KATHRYN |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|---------------------------------------|---------------------------------------|---------------------------------------------------|------------------|------------------|
| 1 | Request for Certificate of Correction | 308911_1_coc_2010_10_07_PD_F_bzip.pdf | 70874 a7a3f8dc7100d0946c301ca8023c0f5184c-df1b | no | 5 |

Warnings:**Information:**

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|---|---------------------------|---------------------------------------|-------------------------------------------------|----|---|
| 2 | Terminal Disclaimer Filed | 308911_3_b_td_patapp_sb002_5_bzip.pdf | 47060 25d0fa8d33e02530258af761cd00415d01f008 | no | 1 |
|---|---------------------------|---------------------------------------|-------------------------------------------------|----|---|

Warnings:**Information:**

| | | | | | |
|---|---------------------------|--------------------------------------|-----------------------------------------------|----|---|
| 3 | Terminal Disclaimer Filed | 308911_3_b_td_patent_sb0026_bzip.pdf | 43386 2400b0e20f0c655c4b087a7b721097074051 | no | 1 |
|---|---------------------------|--------------------------------------|-----------------------------------------------|----|---|

Warnings:**Information:**

| | | | | | |
|---|-------------------------|--------------|-------------------------------------------------|----|---|
| 4 | Fee Worksheet (PTO-875) | fee-info.pdf | 32299 6b01950d2791c11a6570b1f180ac9ec01c1b00 | no | 2 |
|---|-------------------------|--------------|-------------------------------------------------|----|---|

Warnings:**Information:****Total Files Size (in bytes):**

193619

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.